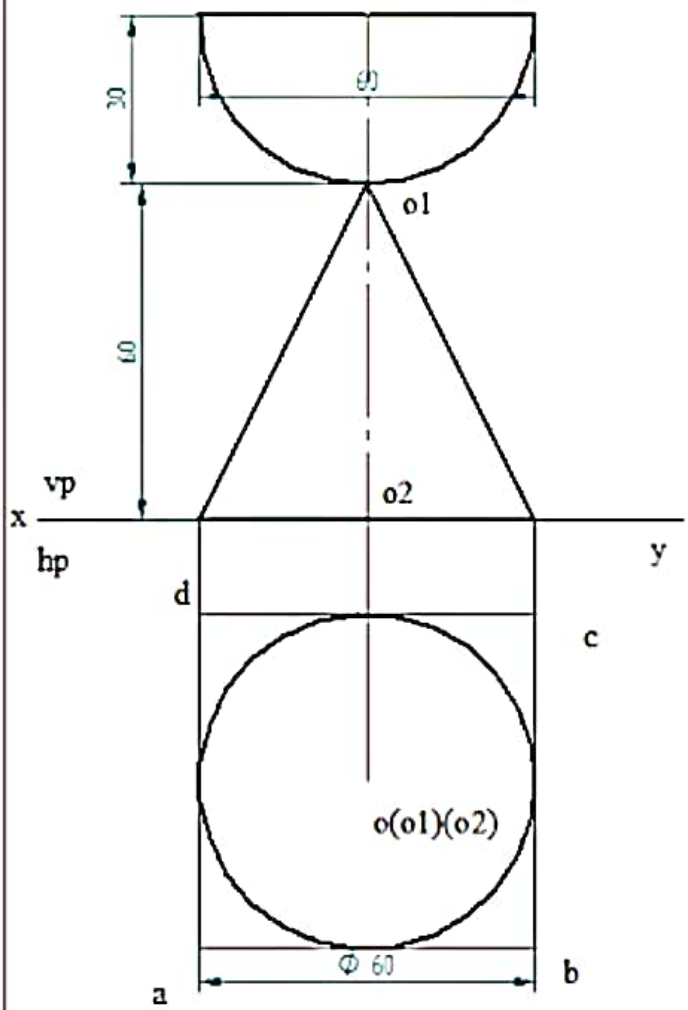
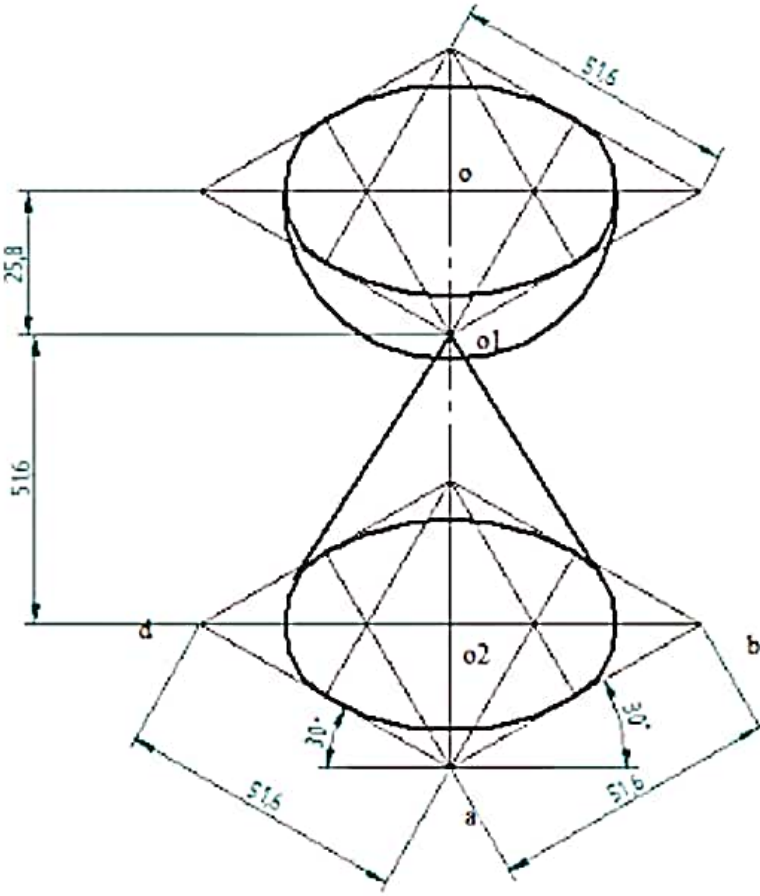
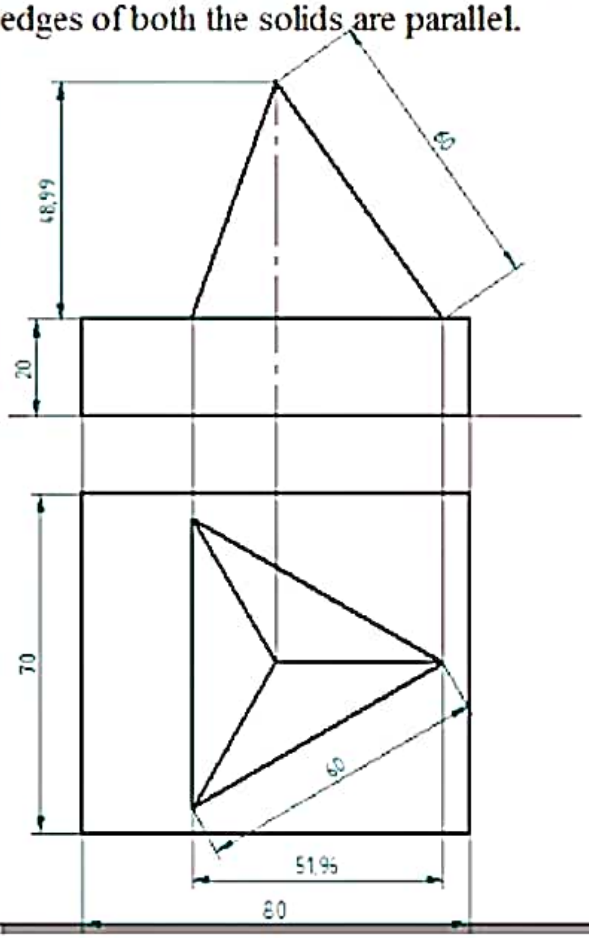
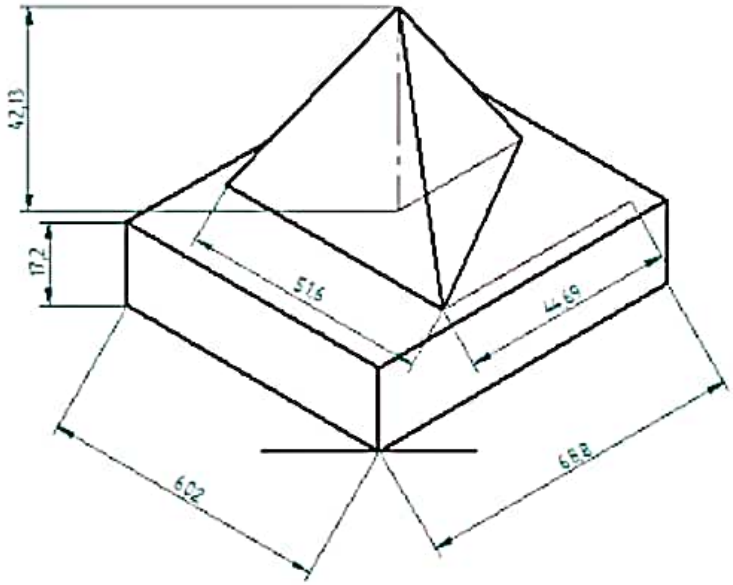
A hemisphere of 60 mm diameter is supported co-axially on the vertex of the cone of base diameter 60 mm and axis length 60 mm. The flat circular face of the hemisphere is facing upside. Draw the isometric projection of the combination solid.



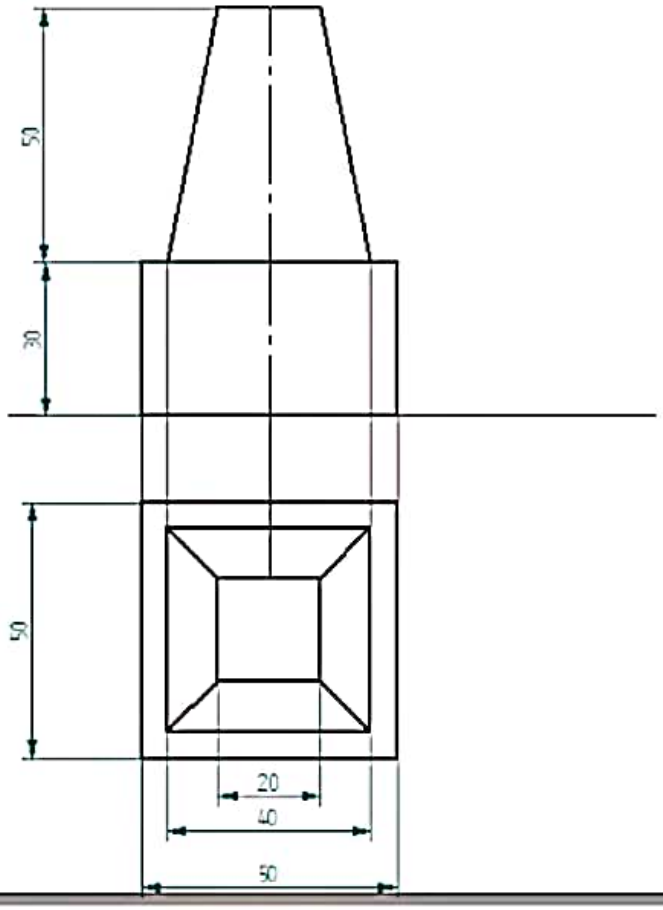


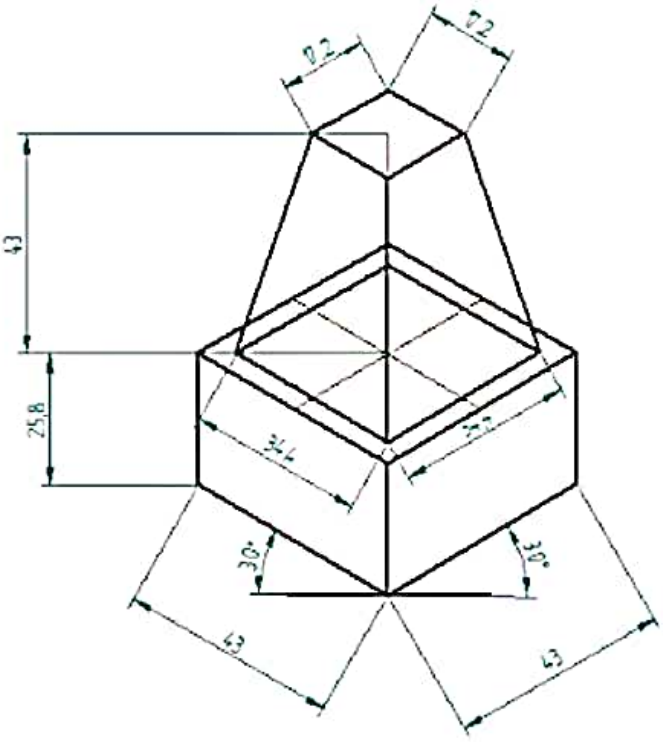
Draw the isometric projection of a rectangular prism of 70 x 80 x 20 mm surmounting a tetrahedron of sides 60 mm such that the axes of the solids are collinear and at least one of the edges of both the solids are parallel.



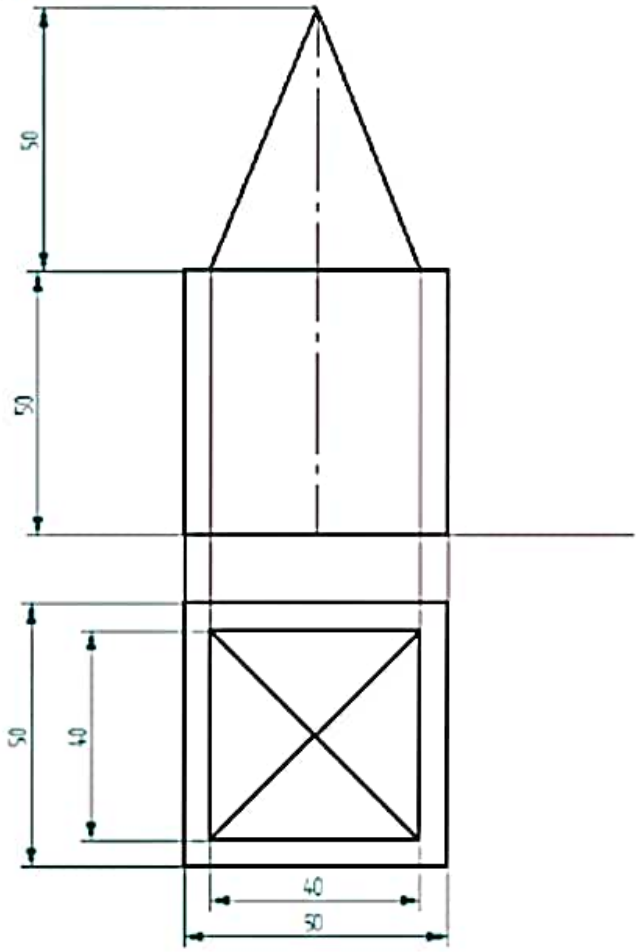


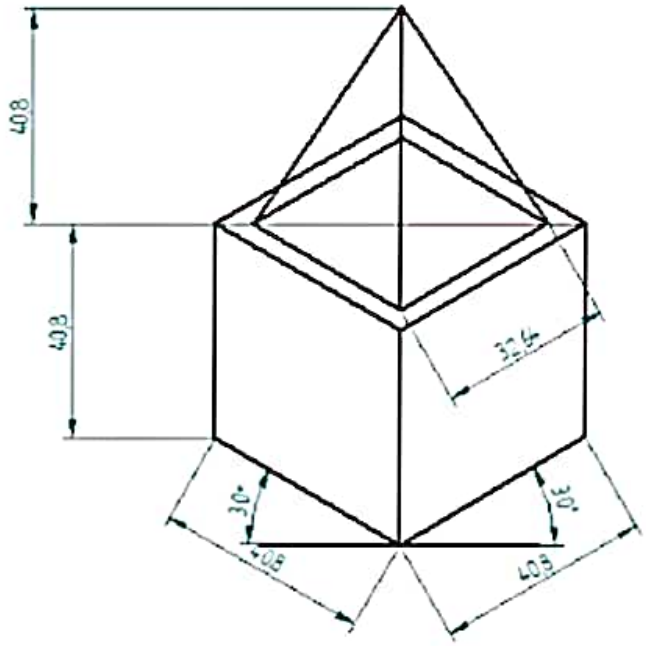
The frustum of a square pyramid of base side 40 mm, top side 20 mm and height 50 mm rests on the center of a square block of sides 50 mm and height 30 mm. The base edges of both the solids are parallel. Draw the isometric projection of the combination solid.



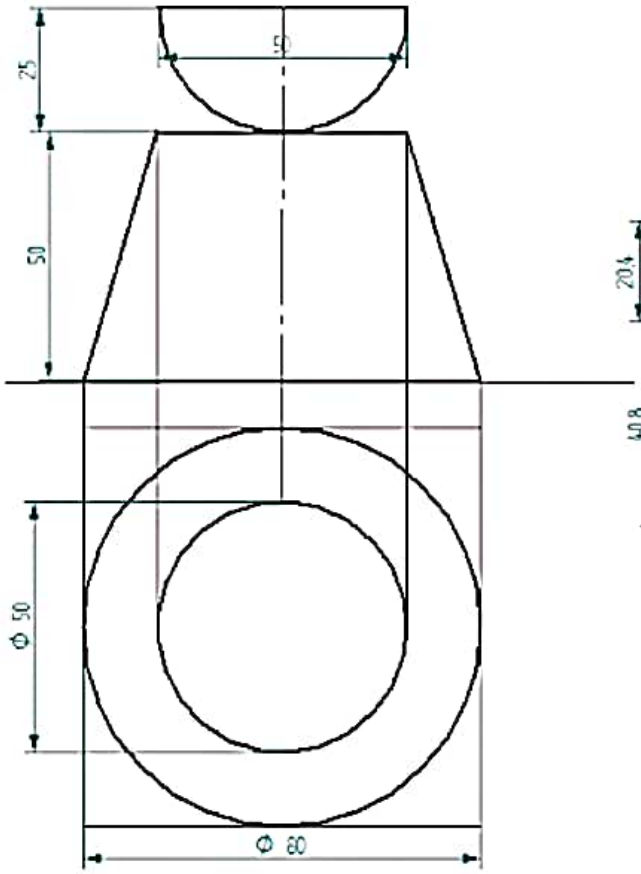


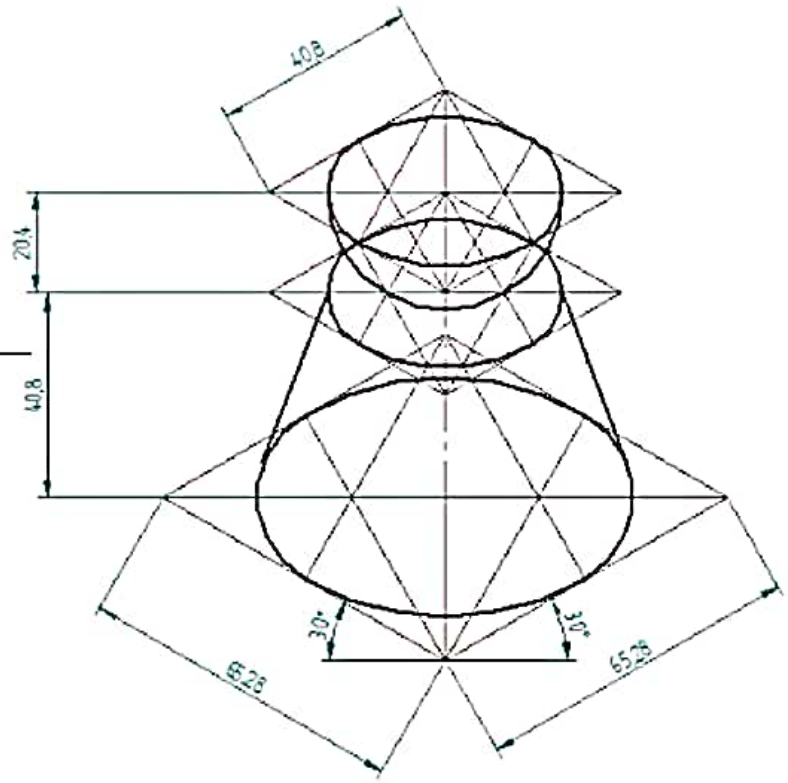
A square pyramid of base side 40 mm and height 50 mm rests symmetrically on a cube of edges 50 mm. Draw the isometric projection of the combination solid if axes of the solids are in common line.



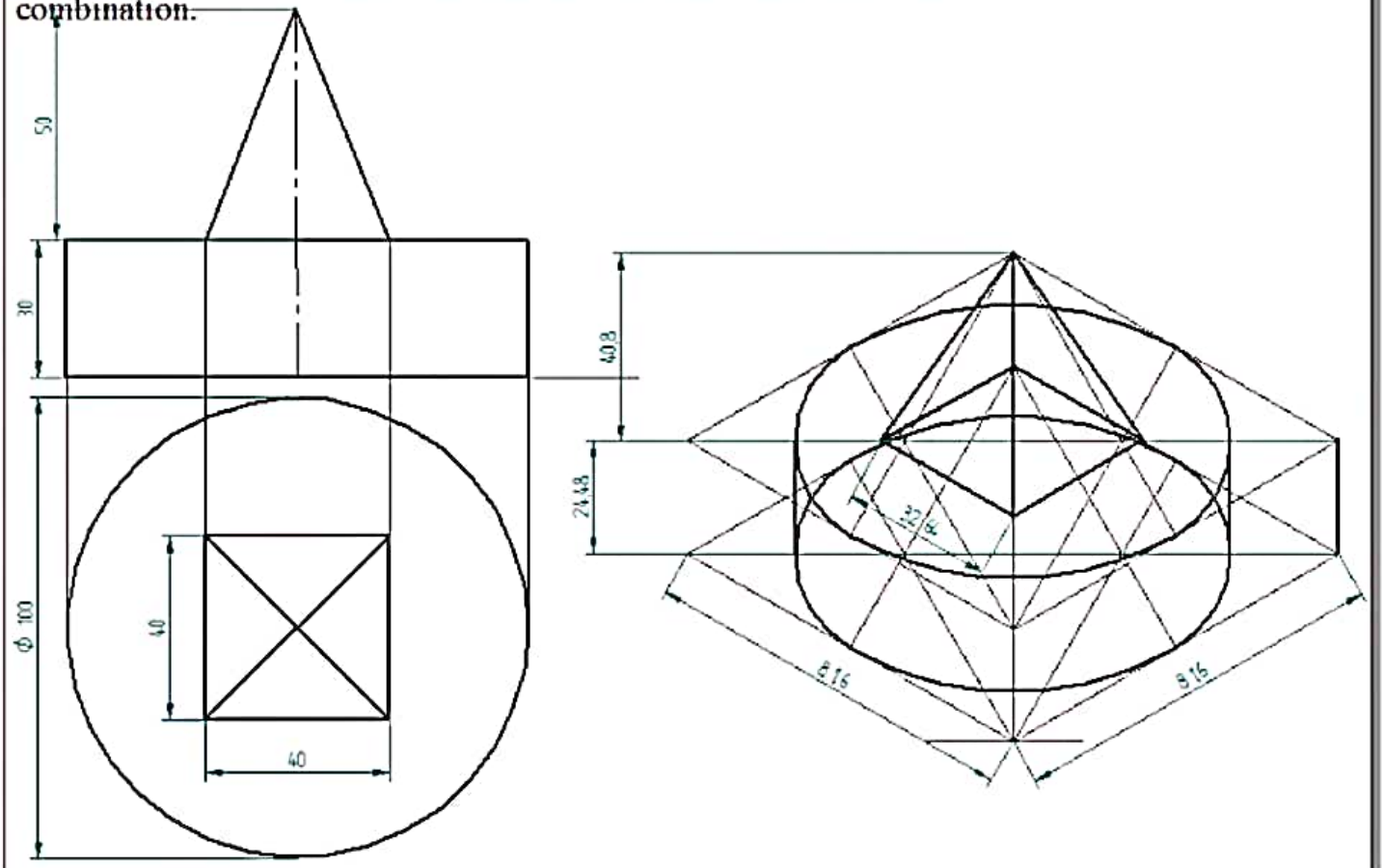


A hemisphere of diameter 50 mm rests centrally over a frustum of a cone of base diameter 80 mm, top diameter 50 mm and height 50 mm. Draw the isometric projection of the combination.

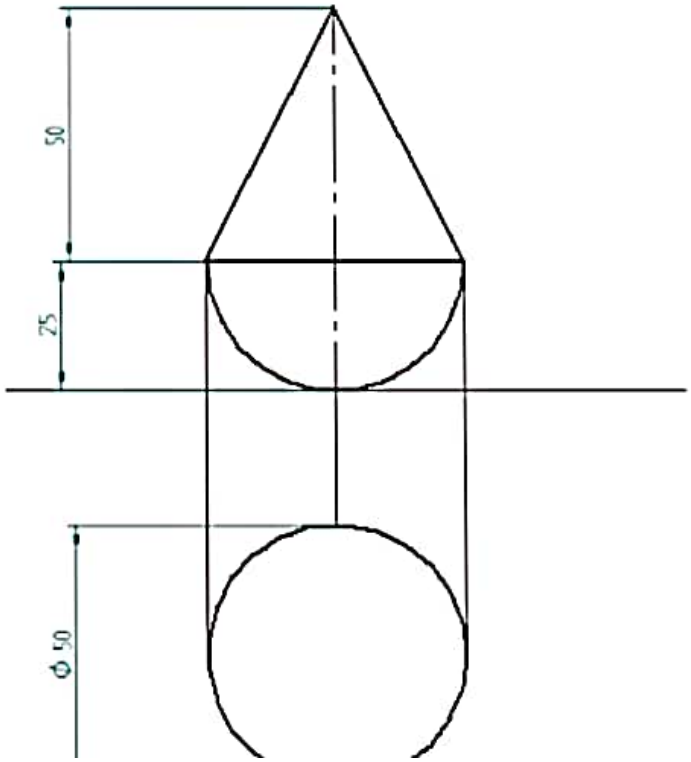


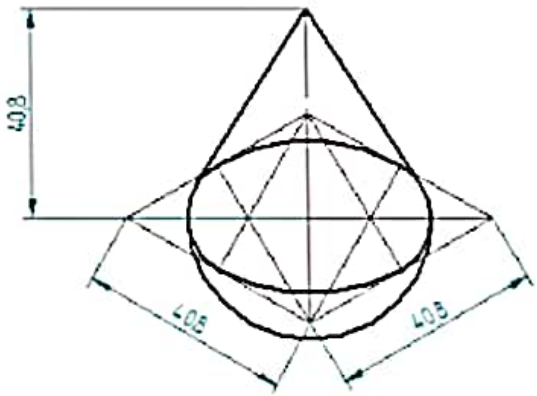


A square pyramid of base side 40 mm and height 50 mm is placed centrally on a cylindrical slab of 100 mm diameter and 30 mm thickness. Draw the isometric projection of the combination.

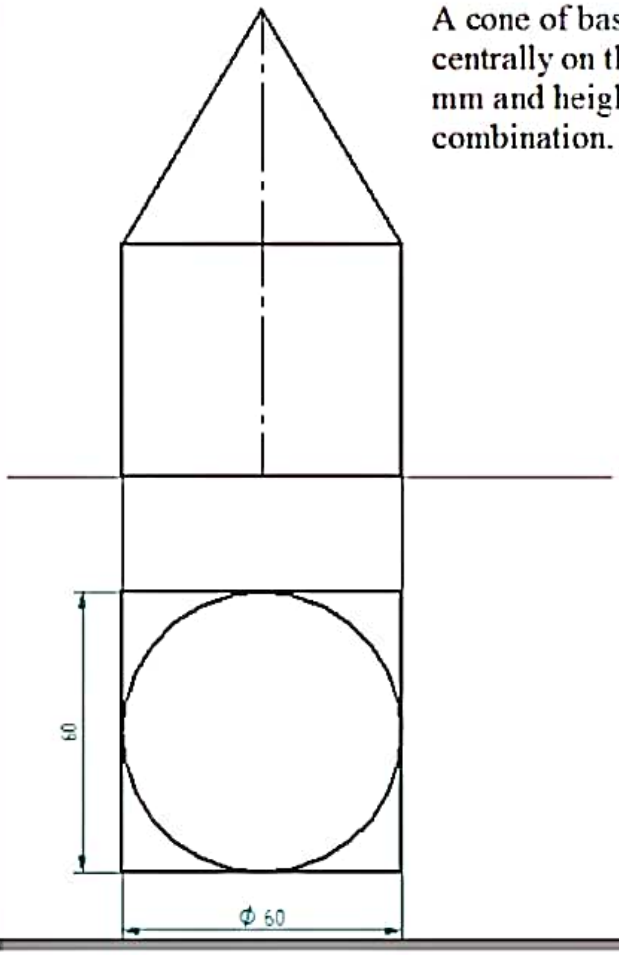


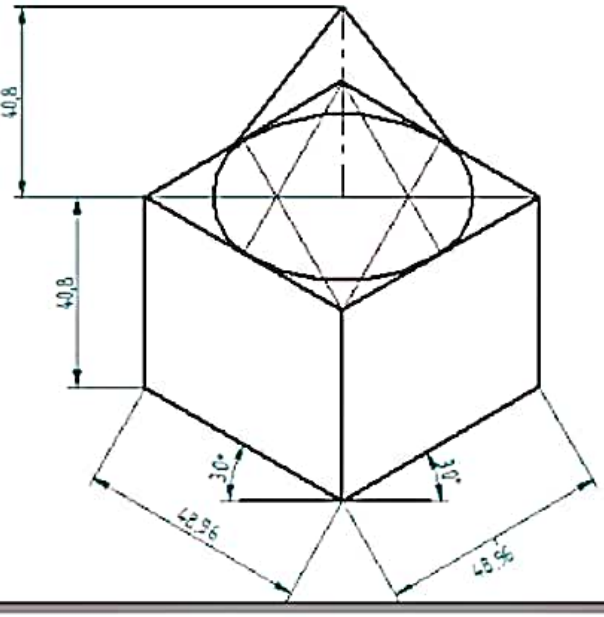
A hemisphere of diameter 60 mm is placed on the ground on its curved surface. A cone of base diameter 60 mm and height 60 mm is placed centrally on it. Draw the isometric projection of the combination.



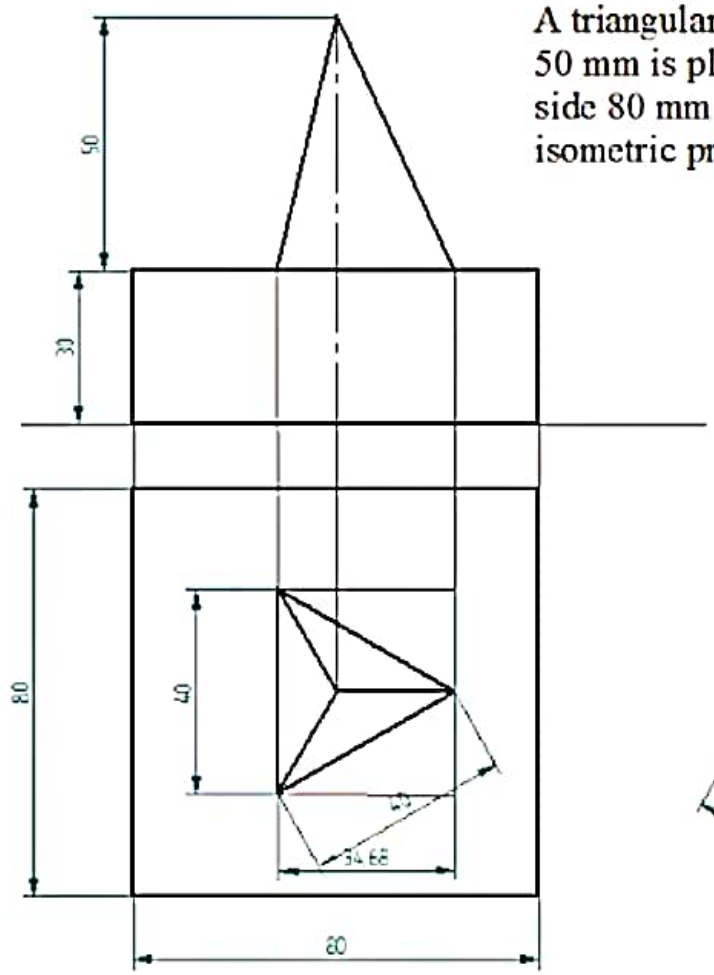


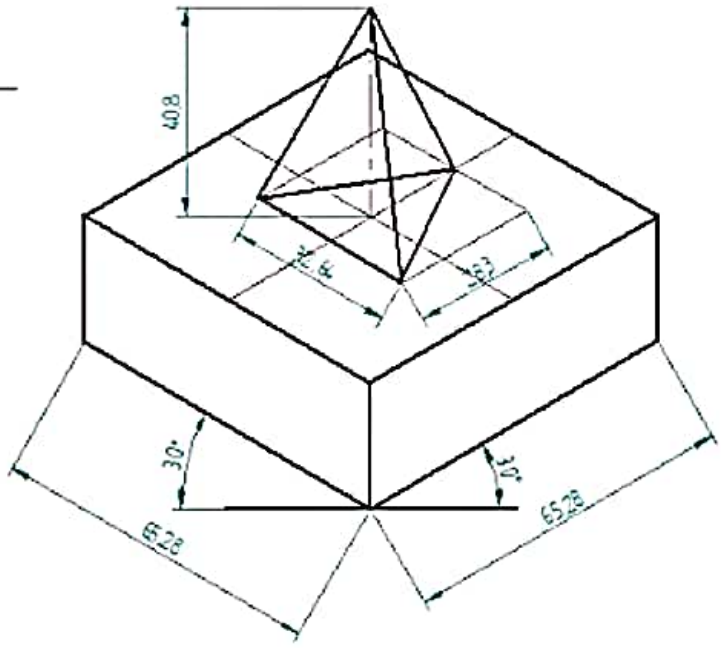
A cone of base diameter 60 mm and height 50 mm is placed centrally on the top face of a square prism of base side 60 mm and height 50 mm. Draw the isometric projection of the combination.



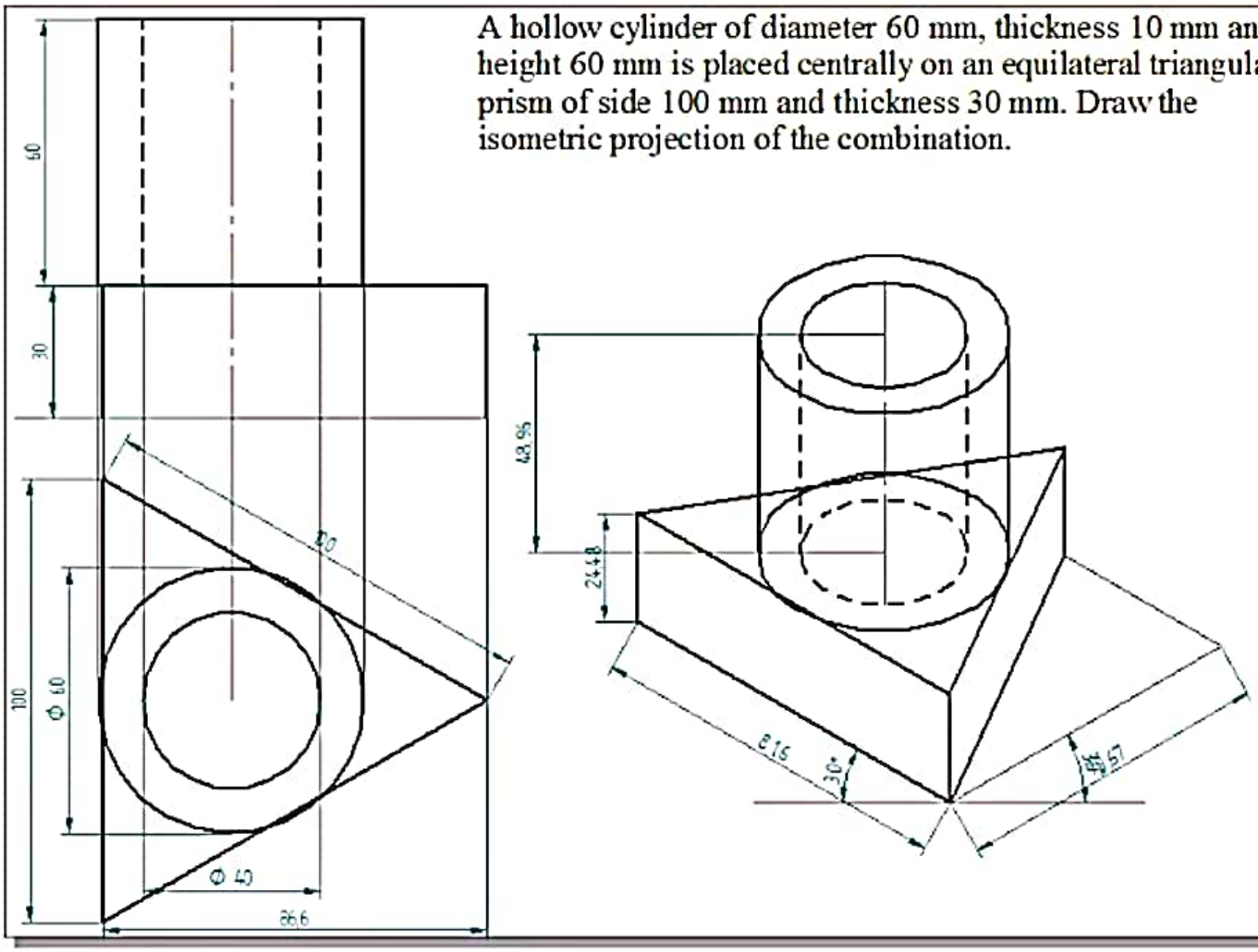


A triangular pyramid of base side 40 mm and height 50 mm is placed centrally on a square slab of base side 80 mm and thickness 30 mm. Draw the isometric projection of the combination.

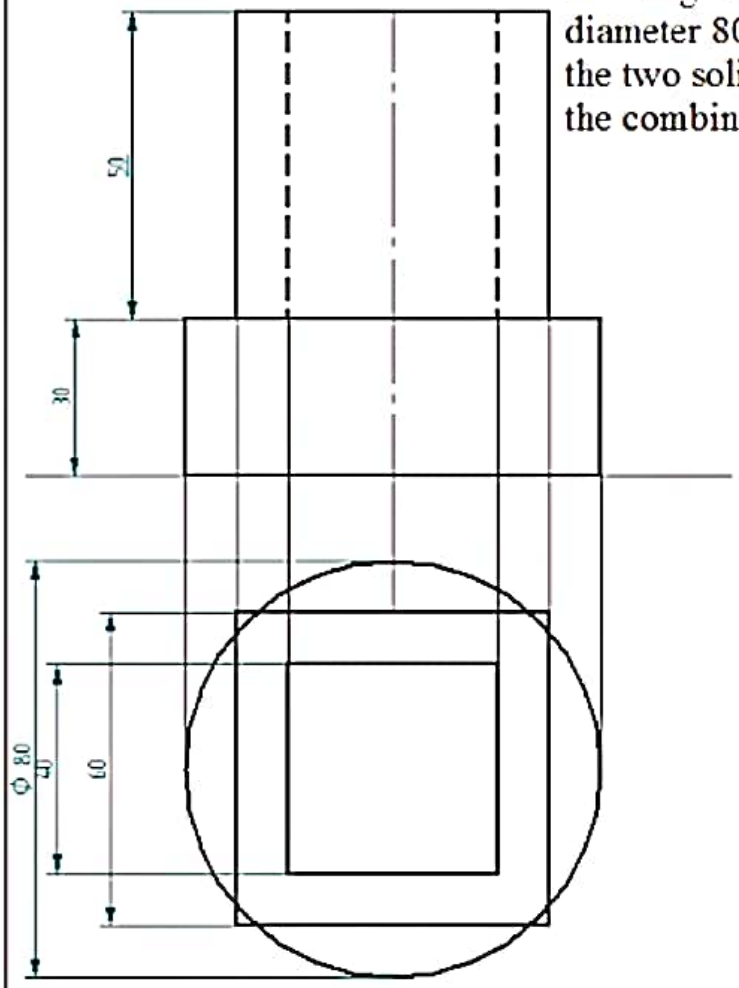


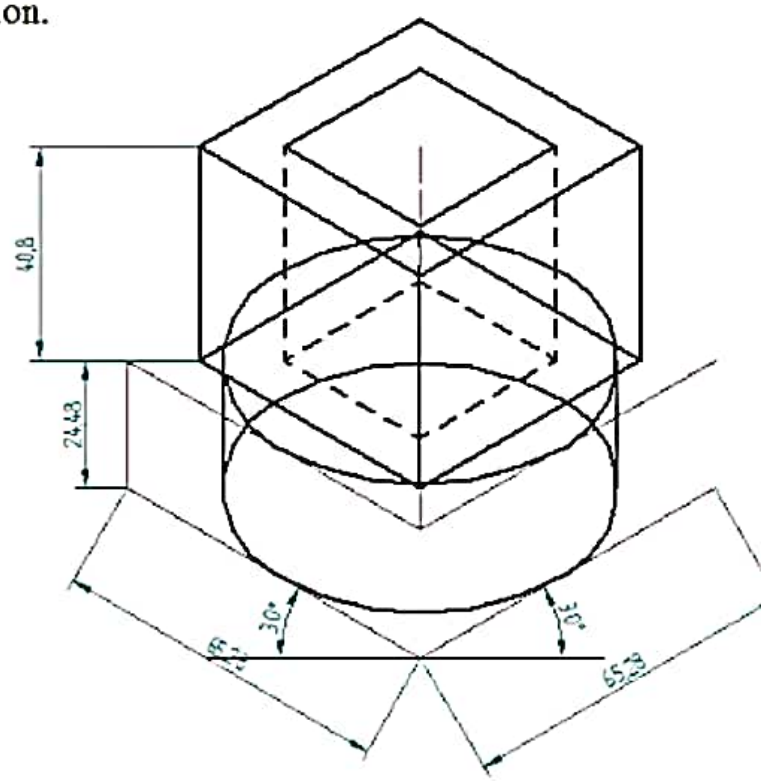


A hollow cylinder of diameter 60 mm, thickness 10 mm and height 60 mm is placed centrally on an equilateral triangular prism of side 100 mm and thickness 30 mm. Draw the isometric projection of the combination.

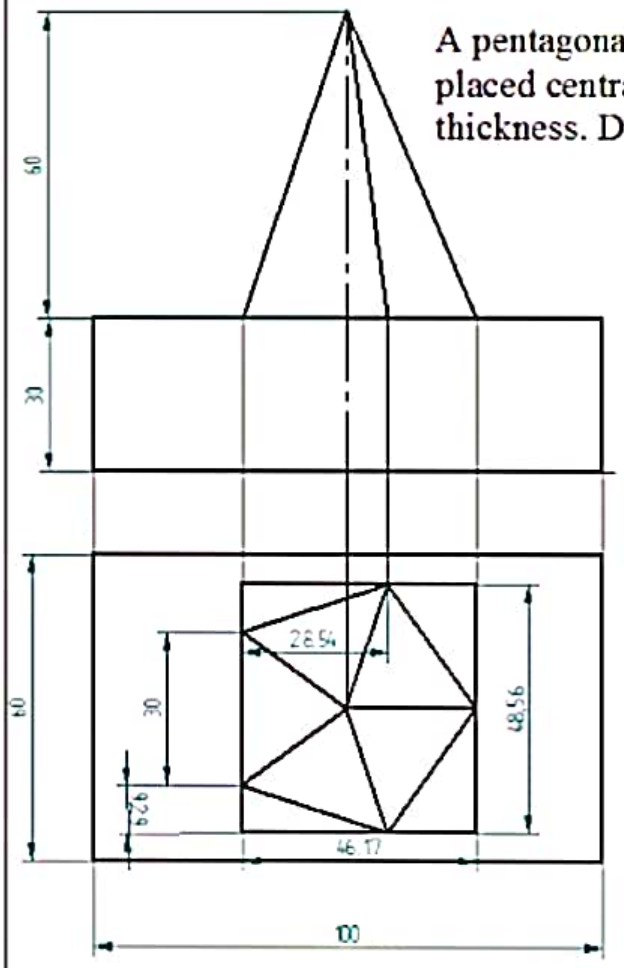


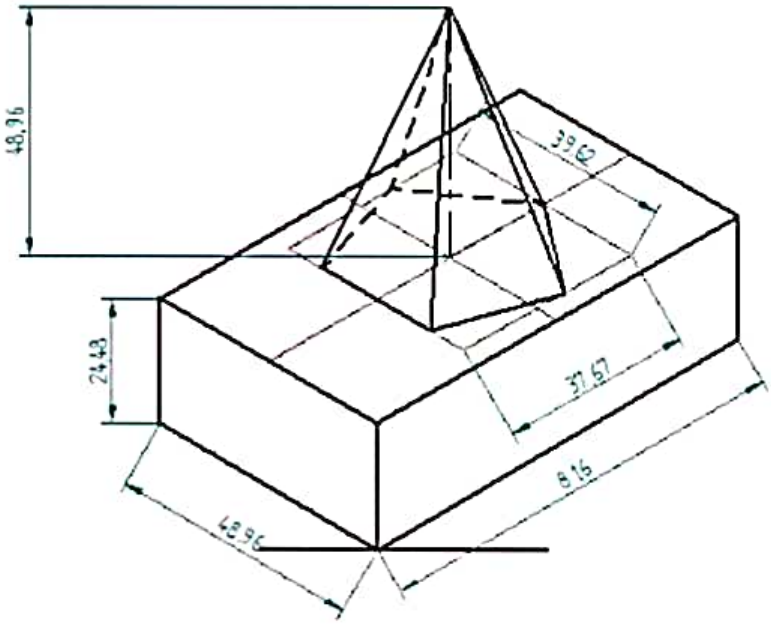
A hollow square prism of base side 60 mm, thickness 10 mm and height 50 mm is placed centrally on cylinder of base diameter 80 mm and thickness 30 mm such that the axes of the two solids are collinear. Draw the isometric projection of the combination.



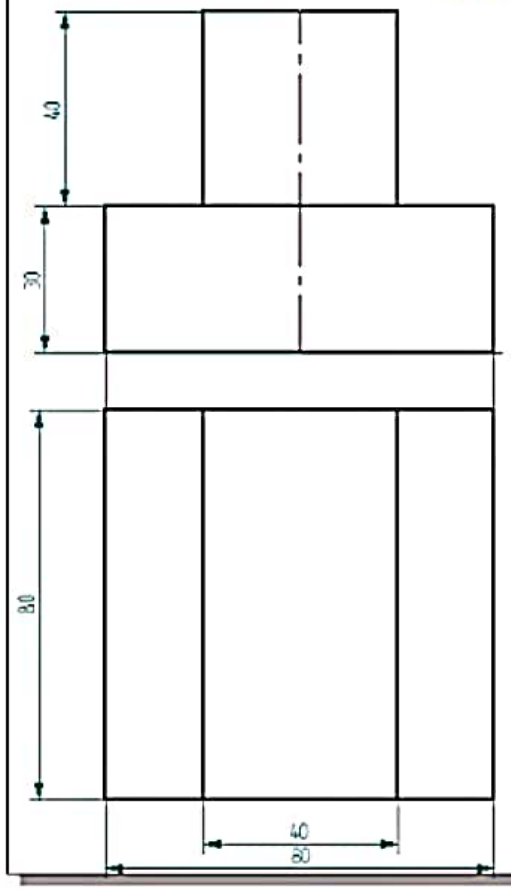


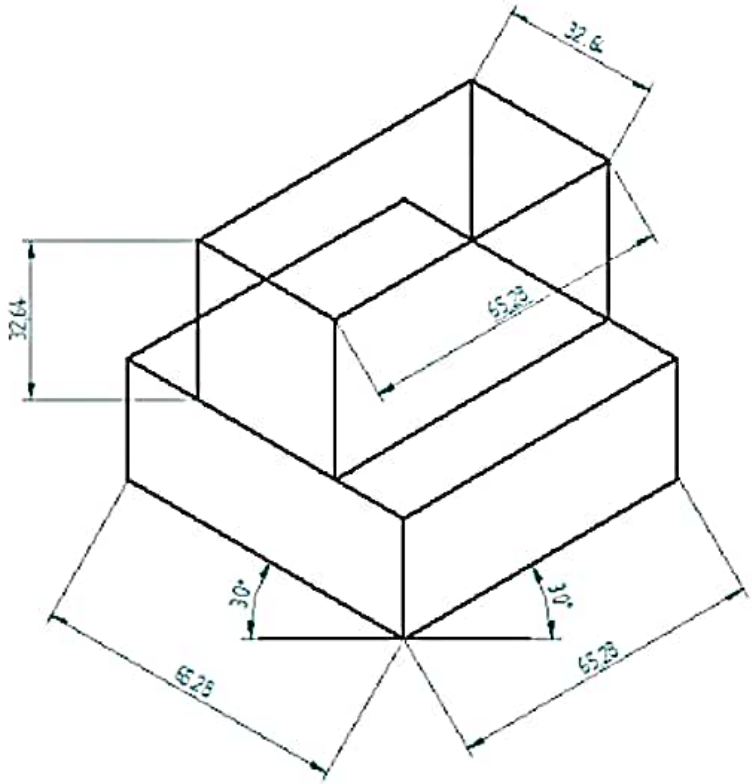
A pentagonal pyramid of base side 30 mm and height 60 mm is placed centrally on a rectangular slab 100 x 60 mm and 30 mm thickness. Draw the isometric projection of the combination solid.



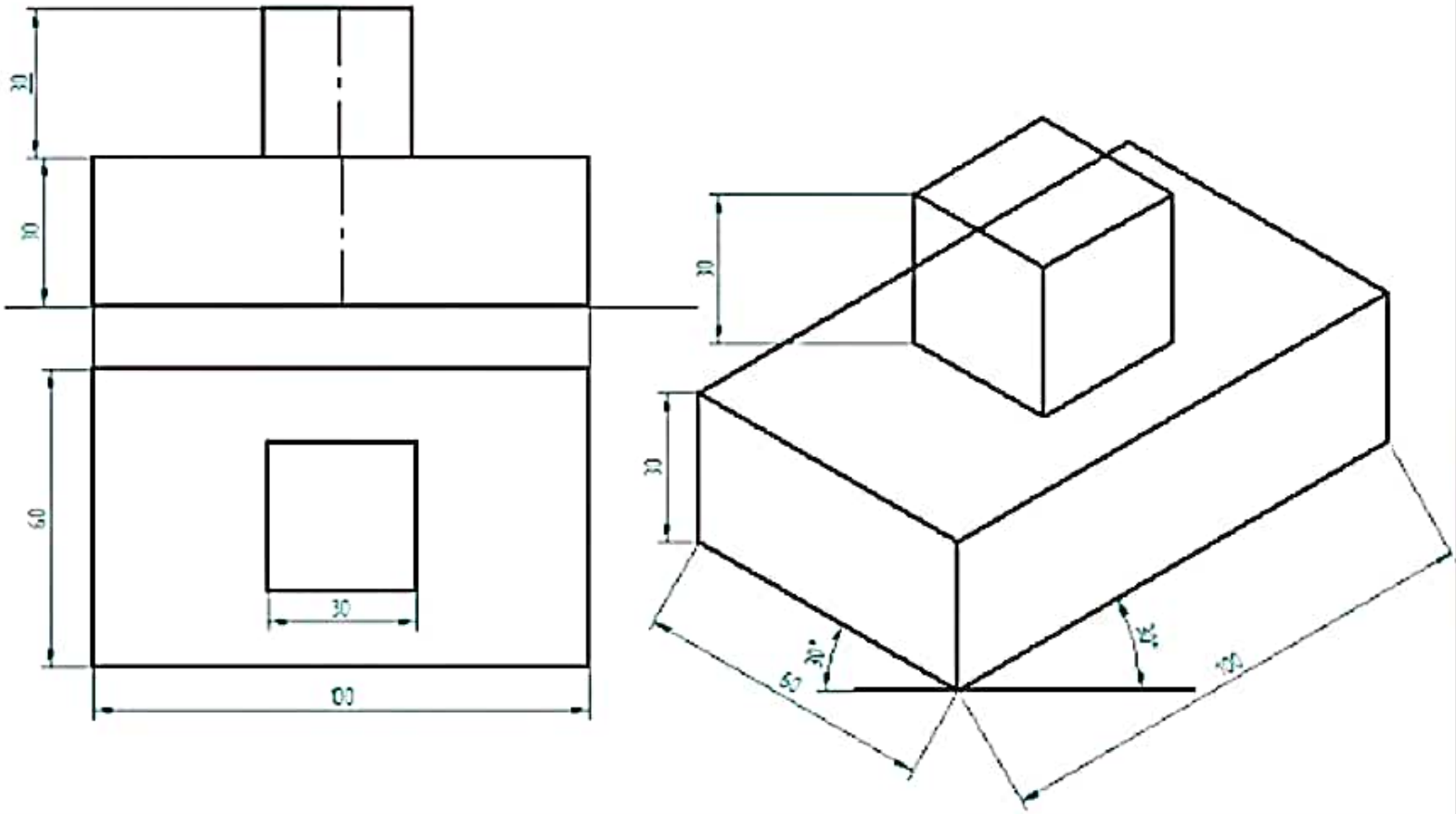


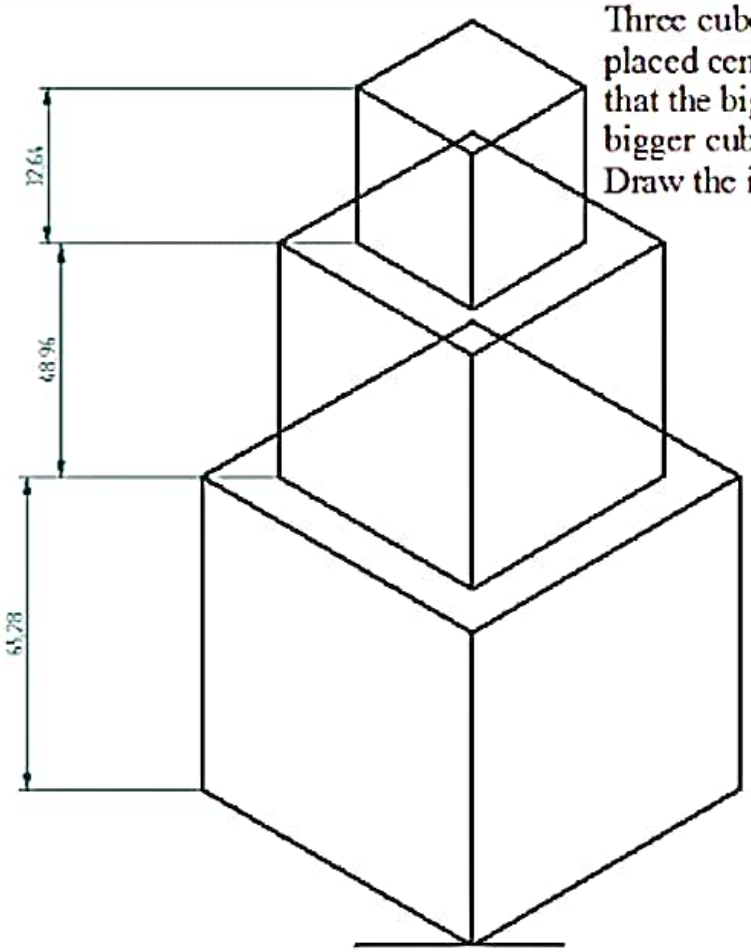
A square prism of base side 40 mm and height 80 mm is resting on its rectangular face on top of the square slab of sides 80 mm and 30 mm thickness. Draw the isometric projection of the combination.





A cube of side 30 mm is placed centrally on a rectangular slab of 100 mm x 60 mm and thickness 30 mm. Draw the isometric projection of the combination solid





Three cubes of sides 80 mm, 60 mm and 40 mm are placed centrally one above the other in such a way that the bigger cube is at the bottom and second bigger cube at the middle and smaller cube at the top. Draw the isometric projection of the combination.